## POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

ITE JU

GENERAL ELECTRIC - WILLOUGHBY QUARTZ PLANT #OHD 004-447-694

This General Electric Plant was included on the ERRIS list as a result of their submitted notification, required by Section 103c of CERCLA. Located in Willoughby just west of the junction of U.S. 20 and Route 91, the Quartz Plant reported having used a lagoon system as part of their acid neutralization process. The lagoons were constructed to contain the sludge precipitate that resulted from adding lime to waste hydrofluoric and hydrochloric acid.

The system was in operation between 1966 and 1980. Since that time, the sludges generated have been shipped off-site for disposal and the lagoons, in their fenced enclosure, are no longer in use. The only hazardous designation that applied to the sludge, D002/corrosivity, is no longer valid according to OEPA files.

G.E.'s RCRA Interim Status TSD Facility permit was withdrawn in October, 1981 once it was determined that this plant qualified as a small quantity generator. The only quantity of waste had been the sludge, while it was still on the records as D002.

Prior to the withdrawal of the Quartz Plant's permit, U.S. EPA had conducted a RCRA inspection (July 21, 1981). No violations were found; the company's hazardous recordkeeping was complimented. We recommend that no further action be taken at this site considering the non-hazardous nature of the lagoon's contents.

PW:km

April 27, 1984

US EPA RECORDS CENTER REGION 5

## **\$EPA**

# POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

	TEICATION
01 STATE	C2 SITE NUMBER
$\mathcal{O}H$	D004447694

PART 1 - SITE INFORMA	TION AND ASSESSMEN	T 12H 11	3007 / 7 16 19
II. SITE NAME AND LOCATION			
Of SITE NAME (Logal common or describing rappe of site) Willoughby	02 STREET, ROUTE NO., OR SPE		
General Chectic to Quartz	Euclid & Ca	mpbell Rd.	
03 CITY	04 STATE 05 ZIP CODE 06 C	COUNTY	07 COUNTY 08 CONG CODE DIST
Willough by 09 COORDINATES LATITUDE LONGITUDE	OH 44094 ,	Lake	
09 COORDINATES LATITUDE LONGITUDE  41° 32' 30" N 081° 26' 50.W  10 DIRECTIONS TO SITE. SENTING FROM PORNESS DULDEC FORCE)  East from Cleveland on Rte. 2 to	Mayfield Hts SW/4 M	·, OH entor 15' Qua	d.
10 DIRECTIONS TO SITE. SEATING from nearest public road) RH. 2 to	RHE 91 ouit, 5	outh on Rte.	91 to U.S.20
(Evolid Ave.), west on US20 to plan	nt entrance.		
III. RESPONSIBLE PARTIES			
01 OWNER (if known)	02 STREET (Business, mailing, reside	ntel)	
General Electric Company	1099 Ivan1	hoe Road	
	04 STATE 05 ZIP CODE	06 TELEPHONE NUMBER	
Cleveland	OH 44110	1216-266-4346	
G7 OPERATOR (If known and different from owner)	OB STREET (Business, mailing, reside	neal)	
Same as site	}		
O O CITY	10 STATE 11 ZIP CODE	12 TELÉPHONE NUMBER	
13 TYPE OF OWNERSHIP CHECK ONE!  DA PRIVATE DB. FEDERAL:	D O STATE	□D.COUNTY □ E.MUI	WOID 4
.Agency name)	C. STATE		NICIPAL
☐ F. OTHER:(Soecdy)	C. G. UNKNOV	VN	
14 OWNER/OPERATOR MOTIFICATION ON FILE (Check all line) apply)	_	ĺa /	1001
A. RCRA 3001 DATE RECEIVED: B UNCONTROLL	LED WASTE SITE ICERCIA 103 CI	DATE RECEIVED: WONTH SA	Y YEAR C. NONE
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
1776 11616 / 127101	A CONTRACTOR C.	STATE D. OTHER	CONTRACTOR
CONTRACTOR NAME(S):			
02 SITE STATUS (CINCK OF)  (C) A. ACTIVE (B). INACTIVE (C). UNKNOWN	ATION 1966   1980 BEGINNING YEAR ENDING YEA	UNKNOW!	•
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED			
Neutralized Acids - offsix dispos	sal of sludge	25 since 198	70.
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION			
None known - no longer cor	rosive		
V. PRIORITY ASSESSMENT			***************************************
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Info	_ /	us Conditions and incidents)	
☐ A, HIGH ☐ B. MEDIUM ☐ C. LOW  (Inspection required) (Inspect on time	avallable pasis) @ZD. NONE (No further a	ction needed, complete current disposi	tion form)
VI. INFORMATION AVAILABLE FROM		<del></del>	
01 CONTACT 02 OF (Agency-Organia			03 TELEPHONE NUMBER
Gary Giffied CEPA, 1	VEDU/DHMM 106 CRGANIZATION		1216425-9171
04 PERSON RESPONSIBLE FOR ASSESSMENT 05 AGENCY	06 CRGANIZATION	07 TELEPHONE NUMBER	08 DATE 27 71/
Pam Wicks OEPA	NEDO/DHMM	1916/425-9171	MONTH DAY YEAR

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#### **POTENTIAL HAZARDOUS WASTE SITE** PRELIMINARY ASSESSMENT

<b>I</b> I.	IDENTIFICA	TION
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01 STATE 02 SITE NUMBER

PART 3 - DESCRIPTION OF H	AZARDOUS CONDITIONS AND INCIDE	NTS	
II. HAZARDOUS CONDITIONS AND INCIDENTS			
01 TA GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 ☐ OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	C ALLEGED
01   B. SURFACE WATER CONTAMINATION  03 POPULATION POTENTIALLY AFFECTED	02 □ OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	_ ALLEGED
01 C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:			□ ALLEGED
01 T. D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED:	02 TOBSERVED (DATE) 04 NARRATIVE DESCRIPTION		□ ALLEGED
01 T E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED:	02 . OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	© POTENTIAL	□ ALLEGED
01 TE CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: (Acres)	02 G OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	© POTENTIAL	□ ALLEGED
01 C. G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 C OBSÉRVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED
01 T. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:	02 C OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	□ ALLEGED
01 T POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED:	02 ☐ OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	C ALLEGED

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### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I.	DENT	IF	CAT	ION	
01	STATE	02	SITE	NUMBER	•

	ZARDOUS CONDITIONS AND INCIDEN		
IL HAZARDOUS CONDITIONS AND INCIDENTS (Continued)			<del></del>
01 D. DAMAGE TO FLORA C4 NARRATIVE DESCRIPTION	02 G OBSERVED (DATE)	☐ POTENTIAL	□ ALLEGED
01 © K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION Include name(s) of species)	02 C OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED
01 ☐ L CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	☐ POTENTIAL	C ALLEGED
01 M. UNSTABLE CONTAINMENT OF WASTES Spiler functional founds leading drums) 03 POPULATION POTENTIALLY AFFECTED:	02 G OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	CI POTENTIAL	□ ALLEGED
01 IN. CAMAGE TO OFFSITE PROPERTY 04 NARRATIVE DESCRIPTION	02 (I OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED
01 □ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 04 NARRATIVE DESCRIPTION	02 C OBSERVED (DATE:)	□ POTENTIAL	□ ALLEGED
01 T P ILLEGAL/UNAUTHORIZED DUMPING C4 NARRATIVE DESCRIPTION	02 G OBSERVED (DATE:)	□ POTENTIAL	□ ALIEGED
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEC	GED HAZAROS		
III. TOTAL POPULATION POTENTIALLY AFFECTED:			
IV. COMMENTS			
V. SOURCES OF INFORMATION (Cre specific references, e.g. state bies, )	ample analysis, reportsi		



#### POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENT	IFICATION
01 STATE	02 SITE NUMBER
OH!	0004447694

II. WASTE TYPE CATEGORY SLU OLW SOL PSD OCC IOC ACD BAS MES	(Specify)	TONS CUBIC YARDS NO. OF DRUMS ME		A TOXIC B CORR C RADIO D PERSI	OSIVE FINFE IACTIVE GFLAN STENT HIGNI	CTIOUS _ J EXPLOS	HVE VE PATIBLE
CATEGORY SLU OLW SOL PSD OCC IOC ACD BAS MES V. HAZARDOUS	SUBSTANCE NAM SLUDGE OILY WASTE SOLVENTS PESTICIDES OTHER ORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Apple	NO. OF DRUMS		02 UNIT OF MEASUR	E 03 COMMENTS	<b>∠</b> M NOT AF	PRICABLE
SLU OLW SOL PSD OCC IOC ACD BAS MES V. HAZARDOUS	SUBSTANCE NAM SLUDGE OILY WASTE SOLVENTS PESTICIDES OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Appl	MICALS	01 GROSS AMOUNT	02 UNIT OF MEASUR	E 03 COMMÉNTS		
SLU OLW SOL PSD OCC IOC ACD BAS MES V. HAZARDOUS	SLUDGE OILY WASTE SOLVENTS PESTICIDES OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Apple	MICALS	01 GROSS AMOUNT	02 UNIT OF MEASUR	E 03 COMMENTS		
OLW SOL PSD OCC IOC ACD BAS MES V. HAZARDOUS	OILY WASTE SOLVENTS PESTICIDES OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Appe						
SOL PSD OCC IOC ACD BAS MES V. HAZARDOUS	SOLVENTS PESTICIDES OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Appl						
PSD OCC IOC ACD BAS MES V. HAZARDOUS	PESTICIDES  OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Apple						
OCC IOC ACD BAS MES V. HAZARDOUS	OTHER ORGANIC CHE INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (S.O. APPA						
IOC ACD BAS MES V. HAZARDOUS	INORGANIC CHEMICAL ACIDS BASES HEAVY METALS SUBSTANCES (See Appl						
ACD BAS MES V. HAZARDOUS	ACIDS BASES HEAVY METALS SUBSTANCES (S.O. Appl	LS					
BAS MES V. HAZARDOUS	BASES HEAVY METALS SUBSTANCES (See Appe						
MES V. HAZARDOUS	HEAVY METALS SUBSTANCES (See Appe			·			
V. HAZARDOUS	SUBSTANCES (See Apple		<u> </u>				
			<u> </u>	l			
1 CATEGORY	02 SUBSTANCE NAM	endra for most frequer	ntly cried CAS Numbers)	· · · · · · · · · · · · · · · · · · ·		···•	Y
		AE 	03 CAS NUMBER	04 STORAGE, DIS	SPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
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CATEGORY	01 FEEDSTOCK	<del>·</del>	02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
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